

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving the General Fund (cash or bonds)**  
(amounts in **bold** are the total budget)

**2016-2022**

(Projects listed by agency priority; descriptions are from the agency submission)

- 1 Upgrade Campus Electrical Distribution System** **\$16,494,000**  
This upgrade to the main campus electrical distribution system includes upgrading the Central Plant Substation to replace 40+ year old equipment. The project would also replace transformers, switches, underground cable/conduit and related equipment to ensure the reliability of the campus electrical system. (C-PI)
- 2 Replace Campus Steam Distribution System** **\$7,549,000**  
The central steam system currently serves 19 campus buildings and varies in age from 35 to 60+ years old. Portions of the system are beginning to fail and it is becoming very costly to repair. It is anticipated that significant energy savings will be experienced with this project. This project will allow for the replacement of the campus steam distribution system. (C-PI)
- 3 Upgrade Bldg Sys Capital Renewal: Pool <\$600,000** **\$6,616,000**  
This project pool will allow MSU to upgrade or replace building systems that have exceeded more than 90% of their useful life in various education and general (E&G) buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 4 Renovate Pogue Library** **\$11,435,000**  
This project will restore the Pogue Library to its original condition and bring it up to current codes while providing an adequate environment for preservation of the special collections housed within the facility. ADA issues will also be addressed during this project. (C-PI)
- 5 Renovate & Restore Lovett Auditorium** **\$17,600,000**  
This project will provide major renovations to the interior and exterior of the 42,711-square-foot Lovett Auditorium. This will preserve this historical landmark, constructed in 1928, on the main campus of Murray State University and provide a venue for concerts, meeting events, the theater and performing arts, etc. The project will address life safety issues; code compliance; ADA issues; and will address much needed architectural modifications (new restrooms; window replacements; dressing rooms; sound and lighting equipment; stage curtains and fly-aways, etc.). The renovation will also include modern HVAC equipment. (C-PI)
- 6 Renovate & Expand Waterfield Library** **\$19,700,000**  
This project would allow for the renovation of the Waterfield Library to address current library needs. The existing building was constructed in 1959 and contains 101,480 square feet. Renovation would include building system upgrades, ADA accessibility improvements and technological enhancements. Also included would be a 12,000-square-foot addition of a student learning commons to include student study areas, computer labs and other multi-purpose spaces. (C-PI)

- 7 Complete Life Safety Projects: E&G Pool <\$600,000 \$3,062,000**  
This project pool will allow Murray State University to complete life safety upgrades in various Education and General (E&G) buildings on the main and extended campuses. (C-PI)
- 8 Complete ADA Compliance: E & G Pool < \$600,000 \$6,289,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Education and General (E&G) buildings at Murray State University. (C-PI)
- 9 Renovate Blackburn Science \$16,000,000**  
The Blackburn Science building was completed in 1950 and contains 139,217 square feet. There have been no recent major renovations of the building. This project will allow for a major renovation of the facility. (C-PI)
- 10 Abate Asbestos: E & G Pool < \$600,000 \$502,000**  
This project pool will allow for the abatement of asbestos in E&G buildings on Murray State's main campus. (C-PI)
- 11 Replace Expo Center Roof \$1,201,000**  
The William Cherry Exposition Center was constructed in 1976. The 3-ply built up with gravel surface roof was last replaced in 1995 and had an expected life of 13 years (2008). This project would allow for the roof replacement. (C-PI)
- 12 Upgrade Campus Network \$3,162,000**  
This project will allow Murray State University to upgrade the existing campus data network that was installed in 2003. (IT)
- 13 Upgrade Campus Phone System \$1,781,000**  
This project will allow Murray State University to upgrade the existing campus phone system that was installed in 2005. The VoIP phones on campus are no longer supported and will not receiver security updates, bug fixes, or new features. (IT)
- 14 Complete Capital Renewal: E & G Pool < \$600,000 \$11,973,000**  
This project pool will allow Murray State University to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various Education and General (E&G) buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 15 Renovate Wrather Hall \$2,000,000**  
Wrather Hall was constructed as Murray State University's first building in 1923. It has had one renovation in 1970 to convert the majority of the space into a museum. There is an auditorium that seats approximately 250 people. This project would update the auditorium to be better utilized for instructional space and upgrades for ADA compliance. (C-PI)

- 16 Waterproof Stewart Stadium** **\$1,116,000**  
The Stewart Stadium grandstands are directly over finished offices, classrooms, and common spaces. The grandstands are constructed of precast concrete which allows storm water leakage to the spaces below. There are numerous cracks and joints in the concrete that need to be caulked & the entire surface needs to be waterproofed. (C-PI)
- 17 Renovate Curris Center** **\$1,400,000**  
The Curris Center is the primary student activity/union building on campus. It offers a variety of service functions for students, but lacks undergraduate meeting space. This project will create student centered meeting spaces and additional office space in the Curris Center. (C-PI)
- 18 Extend Energy Management System** **\$8,787,000**  
This project would extend and upgrade the energy management system to all campus facilities. There have been significant technological advances since the original system was installed more than 30 years ago and maintaining the old system has become very costly and time-consuming. (C-PI)
- 19 Replace E&G Chiller/CFC Compliance** **\$1,221,000**  
This project would replace the third chiller in the Heating & Cooling Plant (Central Plant) which cools most of the main campus. The project would also allow for compliance with clean air requirements in mechanical rooms that contain chlorofluorocarbon (CFC) equipment. (C-PI)
- 20 Replace Stewart Stadium Playing Surface** **\$887,000**  
This project will allow for the resurfacing of the track at Stewart Stadium. (C-PI)
- 21 Replace Blackburn Science Roof** **\$750,000**  
The Blackburn Science Building was completed in 1950 with a major addition in the 1960s. The existing roof was installed in 1989 and is in need of replacement. This project would allow for removal of unneeded equipment on the roof and full roof replacement. (C-PI)
- 22 Construct Open-Sided Stall Barn at Expo Center** **\$1,521,000**  
This project would allow the construction of a 31,250-square-foot 150-stall barn to complement and more effectively utilize the existing Livestock and Exposition Center located on Murray State University's West Farm. Many university and regional agriculture and equine events are limited because of the availability of stall space. This additional space would greatly improve the operating conditions of the Expo Center. (C-O)
- 23 Construct Livestock Instructional Laboratory** **\$2,824,000**  
This project would construct a new livestock instructional laboratory that would replace the existing outdated dairy stall barn and offices. This facility would consist of offices, classrooms, restrooms and show/sale facilities to provide instruction for Murray State University's agriculture students as well as providing demonstration, education and research facilities for Murray State University's service region. (C-O)

- 24 ITV Upgrades to Murray State University System** **\$1,547,000**  
ITV (interactive television) is a teaching medium by which Murray State University serves its 18-county region. MSU's ITV equipment is quickly becoming outdated to the point replacement parts are no longer available. The new high definition ITV rooms would enhance teaching and learning for both faculty and students. (IT)
- 25 Install Sprinkler System – Blackburn Science Bldg** **\$1,599,000**  
The Blackburn Science Building was constructed in 1950 and has no sprinkler system for fire safety. The State Fire Marshal has recommended the installation of a fire suppression system since the building is no longer scheduled for demolition. (C-PI)
- 26 Renovate Pogue Library Electric & HVAC** **\$1,555,000**  
This project would upgrade the electrical distribution system and install a modern HVAC system in the Pogue Library. (C-PI)
- 27 Relocate & Close Section of North 16th Street** **\$8,500,000**  
This project would allow for the relocation of a section of North 16th Street from the intersection of Miller Street to the intersection of Calloway Avenue in order to improve pedestrian safety. The existing street would be closed and converted into lighted sidewalks and lawn areas. (C-O)
- 28 Renovate Exposition Center** **\$11,742,000**  
This project will renovate and correct structural problems, upgrade electrical service and correct damage caused by continual use of the Expo Center located on the University's West Farm. (C-PI)
- 29 Renovate General Services** **\$1,000,000**  
Redefinition of underutilized lower level space in the General Services Building will allow for much-needed realignment of campus office & general services space. (C-PI)
- 30 IT Infrastructure for TSM & Industrial and Engineering Technology** **\$791,000**  
The Department of Industrial and Engineering Technology houses some of the most advanced technology programs in the state of Kentucky and the region as it relates to engineering technology and telecommunications systems. The Dept of IET maintains its own computer system, network structure and server applications. In addition, this department is among the only units in the southeast that uses a virtual computer system to emulate hardware/software applications. This demand is a constant challenge to maintaining currency in the information technologies in support of the system. This request is to upgrade the entire information technologies for the Dept of IET in support of over 500 students, 24 faculty/staff and 9 academic programs. (IT)
- 31 Upgrade Applied Science Electrical System** **\$1,626,000**  
This project would upgrade the electrical system in the Applied Science Building to meet increasing demands and to replace the current system which cannot adequately supply the academic and support departments located in the building. (C-PI)

**32 College of Science Instructional/Research Equipment \$3,500,000**

This equipment request would replace movable scientific equipment used for instruction and research in the College of Science, Engineering & Technology by the various academic departments. (EQ)

**33 Agriculture Instructional Lab & Technology Equipment \$800,000**

This equipment request will allow for the replacement of old/obsolete instructional and laboratory equipment used in the various disciplines of agriculture. The current soils, agronomy, agriculture education and horticulture program laboratories are all utilizing equipment purchased in 1965 or earlier. (EQ)

**34 Broadcasting Education Lab Equipment \$225,000**

This project would allow the replacement of various pieces of obsolete (25+ years old) equipment related to instruction in audio/video recording and transmission (radio and television production and broadcasting). (EQ)

**35 Demolish Woods Hall \$2,301,000**

This project would demolish Woods Hall. The 77,000-square-foot building was built in 1957. The building is less than 40% occupied and would need major electrical, HVAC, elevator and ADA upgrades in order to fully occupy it. (C-PI)

**2018-2020**

Construct Agriculture Science & Technology Center	\$93,019,000
Construct Campus Parking Garage	\$18,639,000
Construct College of Business Building	\$103,976,000
Demolish Cutchin Field House/Racer Arena	\$4,485,000
Fine Arts Studio Equipment	\$500,000
Humanities & Fine Arts Instruction/Studio Equipment	\$250,000
Install Additional Chiller – Heating & Cooling Plant	\$1,528,000
Install Card-Operated Electronic Locks – Academic Building	\$17,466,000
Modernize Faculty Hall Elevator	\$1,283,000
Music Education Equipment	\$500,000
Renovate Applied Science Classrooms & Offices	\$14,986,000
Renovate Buildings: E & G Pool < 600,000	\$7,926,000
Renovate Lowry Center	\$2,650,000
Renovate Wilson Hall	\$3,350,000
Renovate Woods Hall	\$26,630,000
Replace Campus Comm Infrastructure (Fiber Ring)	\$4,518,000
Upgrade E&G Building Fire Alarms	\$1,356,000
Upgrade Sparks Hall Electrical System	\$2,329,000

**2020-2022**

Construct Center for Applied & Basic Environmental Research (CABER)	\$14,678,000
Construct Motor Pool Maintenance Facility	\$12,164,000
Modernize Business Building Electric, HVAC & Classrooms	\$12,993,000
Renovate Community Financial Services Bank (CFSB)	\$5,481,000
Center Electrical/Mechanical	
Renovate General Services HVAC System	\$1,421,000

Renovate Mason Hall Labs/Classrooms/Systems/Etc	\$7,110,000
Renovate Wells Hall Interior	\$9,249,000
Repair Stewart Stadium – Structural	\$6,265,000
Replace North Campus Complex Parking Lot	\$1,513,000
Replace Waterfield Library HVAC & Mechanical Systems	\$1,427,000
Replace/Retrofit Doyle Fine Arts HVAC & Energy	\$2,335,000
Upgrade Wells Hall Electrical System	\$1,788,000

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving Agency Bonds**  
(amounts in **bold** are the total budget)

**2016-2018**

(Projects listed by agency priority; descriptions are from the agency submission)

- 1 Renovate White Hall** **\$16,299,000**  
This project will redesign and rebuild the interior finishes, doors, door frame systems; replace windows; replace roofing; upgrade mechanical, electrical, and plumbing distribution systems; and restore the bedrooms and support areas of the 47-year-old White Residential College to new condition. The project will also include some land acquisition for needed residential parking and green space. (C-PI)
- 2 Complete ADA Compliance: H & D Pool < \$600,000** **\$1,957,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Housing and Dining (H&D) buildings at Murray State University. (C-PI)
- 3 Complete Capital Renewal: H & D Pool < \$600,000** **\$7,825,000**  
This project pool will allow Murray State University to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various Housing and Dining (H&D) buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 4 Renovate Hart Hall Electrical System** **\$1,286,000**  
This project will replace and upgrade, as necessary, all original electrical components of Hart Residential College (Hart Hall), a 49-year-old building. (C-PI)
- 5 Renovate Regents Hall Electrical System** **\$1,446,000**  
This project will replace and upgrade, as necessary, all original electrical components of Regents Residential College (Regents Hall). (C-PI)
- 6 Abate Asbestos: H & D Pool < \$600,000** **\$535,000**  
This project pool will allow for the abatement of asbestos in Housing & Dining (H&D) buildings on Murray State's main campus. (C-PI)
- 7 Renovate Buildings: H & D Pool < \$600,000** **\$595,000**  
This project pool will allow Murray State University to perform general maintenance upgrades, minor renovations and replacements with an estimated cost of less than \$600,000 each to existing facilities. (C-PI)
- 8 Complete Life Safety: H&D Pool < \$600,000** **\$1,125,000**  
This project will allow Murray State University to complete life safety upgrades in various Housing and Dining (H&D) buildings (C-PI)

- 9 Renovate White Hall Electrical System** **\$1,336,000**  
This project will replace and upgrade, as necessary, all original electrical components of White Residential College (White Hall). (C-PI)
- 10 Renovate White Hall HVAC System** **\$2,074,000**  
This project will replace the original boiler, water heater, hot and chilled water pumps, HVAC controls, valves, exhaust fans, fan-coil units, and clean duct work in White Residential College. (C-PI)
- 11 Renovate White Hall Interior** **\$1,558,000**  
This project allows the renovation and modernization of the interior of White Hall (White Residential College). (C-PI)
- 12 Replace White Hall Domestic Water Piping** **\$1,112,000**  
This project will replace all domestic water piping and associated components, including domestic piping, pumps, valves, shower units, stalls, and other related equipment, in White Residential College. (C-PI)

**2018-2020**

Renovate Regents Hall	\$21,323,000
Renovate Springer Hall HVAC & Electrical Systems	\$2,447,000
Replace Springer Hall Water Piping, Fixtures, Etc	\$3,247,000
Renovate Springer Hall Interior	\$1,503,000
Renovate Franklin Hall HVAC System	\$1,325,000
Replace Franklin Hall Water Piping, Fixtures, Etc	\$2,668,000
Renovate Franklin Hall Interior	\$1,443,000
Renovate Regents Hall HVAC System	\$1,224,000
Replace Regents Hall Domestic Water Piping	\$1,132,000
Renovate Regents Hall Interior	\$1,927,000
Renovate Hart Hall Interior	\$2,887,000

**2020-2022**

Replace Springer Hall	\$49,207,000
Renovate Hart Hall	\$35,693,000



**MURRAY STATE UNIVERSITY**  
**Proposed Projects NOT Involving the General Fund, Road Fund, or Agency Bonds**  
(Projects listed in alphabetical order)

**2016-2018**

**Acquire Agriculture Research Farm Land** **\$1,200,000 RF**

This project provides a pool of money to be used for property acquisition of farm land. At this time, due to current demand our land availability is limiting our ability to work on additional projects and we are in need of additional farm laboratory acreage. (C-O)

**Acquire Property** **\$4,000,000 RF**

To provide a pool of money for property acquisitions as properties become available. Includes land with or without structures. The primary purpose will be to purchase properties adjacent to the main campus pursuant to the Campus Master Plan. (C-O)

**Construct Sorority Suites** **\$13,500,000 OT-LTF**

There are currently four sorority meeting rooms in two buildings constructed in 1999. These meeting rooms are no longer large enough to accommodate the growing program. This proposal is to build six sorority suite buildings with two more in the future for a total of eight buildings. (C-PI)

**Install CFSB Center Generator** **\$1,500,000 RF**

Installation of a generator will provide back-up source of power to the CFSB Center to prevent power loss that can potentially affect events at arena. (C-O)

**Rectify Chemistry Building Ventilation Systems** **\$2,000,000 RF**

This project will remediate the Chemistry Building's ventilation systems, including the air handling systems, fume hood exhaust systems and general lab exhaust systems. It will also include other systemic issues since the building was built. (C-PI)

**Renovate Winslow Cafeteria** **\$4,550,000 RF**

Renovations will include a new action station, replace/refresh 12-year-old serverly furnishings, increase capacity of what will be the one remaining dish room. (C-PI)

**Replace CFSB Center - Center Scoreboard** **\$1,200,000 RF**

Replacement of main center scoreboard in arena. Current board is original equipment installed and has well exceeded its projected lifespan. New technology will replace the board for greater efficiency, enhanced fan experience, and easier maintenance. (C-O)

**Replace CFSB Center Seating** **\$1,500,000 RF**

Replace of lower bowl seats with similar style arena seating allowing for continued use of facility while maintaining current capacity. Seating is original equipment to the building and wear and tear is noticeable and difficult to repair. Parts are not readily available and mobility of sections for optimal floor use of the facility is often restricted. (C-O)

**2018-2020**

Construct Athletic Center	\$16,428,000 RF
Modify Pullen Farm Pavilion to Visitor Center	\$1,076,000 RF